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REVISIONS

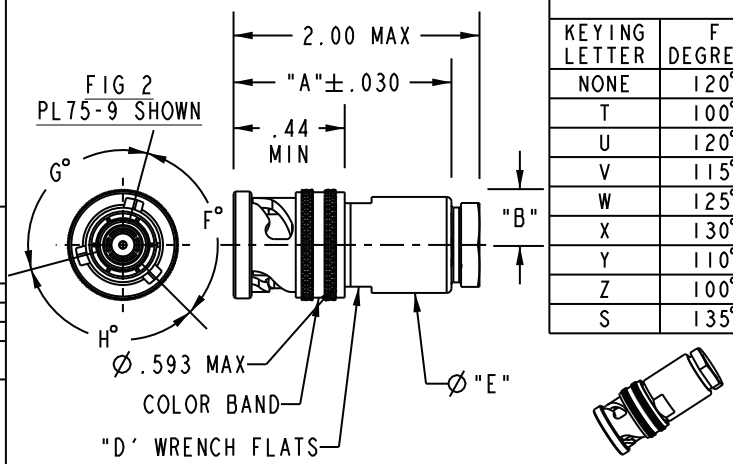
REV	DESCRIPTIONS	DATE	APPROVED
BS	ECO 52461	6/18/10	C.MONAHAN

TABLE 1

DASH NO	CABLES ACCOMMODATED	A DIM	B DIM	C FLATS	D FLATS	E DIA	CABLE ENTRY DIA	ASSEMBLE PER	CABLE TYPE
-7	TRC-50-2, MI7/134-00001 TRC-75-2	1.135	.096	.438	.438	.500	.274	TAI-189	TRIAX
-8	8227, BELDEN	1.716	.130	.625	.688	.750	.345	TAI-103	TWINAX
-9	TWC-78-2 TWC-124-2, MI7/45-RG 308	1.135	.096	.438	.438	.500	.285	TAI-102	TWINAX
-A9	BL782, TIMES BL982, TIMES BL1242, TIMES	1.135	3	3	.438	.500	.285	TAI-102	TWINAX
-10	RG-22 754E, AT&T	1.716	.130	.625	.688	.750	.455	TAI-103	TWINAX
-11	760A, AT&T	1.716	.130	.625	.688	.750	.345	TAI-103	TWINAX
-12	16PEVL, AT&T VI-AL, GENERAL	1.716	.130	.625	.688	.750	.485	TAI-128	TWINAX
-13	TRF-59, TIMES	1.135	.096	.438	.438	.500	.362	TAI-129	TRIAX
-13A	8232, BELDEN	1.135	.096	.438	.438	.500	.352	TAI-165	TRIAX
-14	8233, BELDEN	1.135	.096	.438	.438	.500	.510	TAI-129	TRIAX
-23	250-3884, MICRODOT	1.135	.096	.438	.438	.500	.183	TAI-189	TRIAX
-24	202-3934, MICRODOT	1.135	.096	.438	.438	.500	.191	TAI-102	TWINAX
-24A	9530A5117, RAYCHEM	1.135	.096	.438	.438	.500	.200	TAI-189	TRIAX
-25	T-43M, GENERAL	1.135	.096	.438	.438	.500	.285	TAI-102	TWINAX
-25A	5021H5331, RAYCHEM	1.135	.096	.438	.438	.500	.285	TAI-189	TRIAX
-26	7028A5518, RAYCHEM	1.135	.096	.438	.438	.500	.183	TAI-189	TRIAX
-27	T19TPSJ2619EN, WOVEN 202-3927, MICRODOT 202-3942, MICRODOT	1.135	.096	.438	.438	.500	.145	TAI-102	TWINAX
-29	TWC-78-1/TWC-124-1A	1.135	.096	.438	.438	.500	.191	TAI-102	TWINAX
-30	761A, AT&T 8441, BELDEN	1.135	.096	.438	.438	.500	.235	TAI-102	TWINAX
-32	TRC-50-1	1.135	.096	.438	.438	.500	.191	TAI-189	TRIAX
-33	TRC-75-1	1.135	.096	.438	.438	.500	.217	TAI-189	TRIAX
-42	21-204, ESSEX 4463, CONSOLIDATED	1.135	.096	.438	.438	.500	.300	TAI-189	TRIAX
-43	250-4044/250-4045 293-3930, MICRODOT	1.135	.096	.438	.438	.500	.200	TAI-189	TRIAX
-45	M27500-22TE2T14 1100-66F, STANDARD	1.135	.096	.438	.438	.500	.183	TAI-102	TWINAX
-46	9860, BELDEN	1.716	.130	.625	.688	.750	.475	TAI-103	TWINAX
-47	MI7/176-00002	1.135	.096	.438	.438	.500	.164	TAI-102	TWINAX
-49	TWAC-78-1F2	1.135	.096	.438	.438	.500	.132	TAI-102	TWINAX
-54	89207, BELDEN	1.716	.130	.625	.688	.750	.323	TAI-103	TWINAX
-55	89272, BELDEN	1.135	.096	.438	.438	.500	.250	TAI-102	TWINAX
-56	GC875GC1, GRUMMAN	1.135	.096	.438	.438	.500	.191	TAI-189	TRIAX
-57	GC875GB1, GRUMMAN	1.135	.096	.438	.438	.500	.191	TAI-189	TRIAX
-58	GC875TM24H, GRUMMAN	1.135	.096	.438	.438	.500	.198	TAI-102	QUADRAX
-59	GC875LN1, GRUMMAN	1.135	.096	.438	.438	.500	.198	TAI-102	QUADRAX
-60	MI7/177-00002, THERMATICS 380-10045, BOEING	1.135	.096	.438	.438	.500	.217	TAI-189	TRIAX
-64	7528A5314, RAYCHEM	1.135	.096	.438	.438	.500	.183	TAI-189	TRIAX

TABLE 3

KEYING LETTER	F DEGREES	G DEGREES	H DEGREES	COLOR BAND
NONE	120°	120°	120°	NONE
T	100°	150°	110°	RED
U	120°	130°	110°	ORANGE
V	115°	130°	115°	YELLOW
W	125°	110°	125°	GREEN
X	130°	100°	130°	BLUE
Y	110°	140°	110°	VIOLET
Z	100°	160°	100°	GRAY
S	135°	135°	90°	WHITE



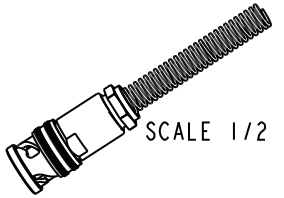
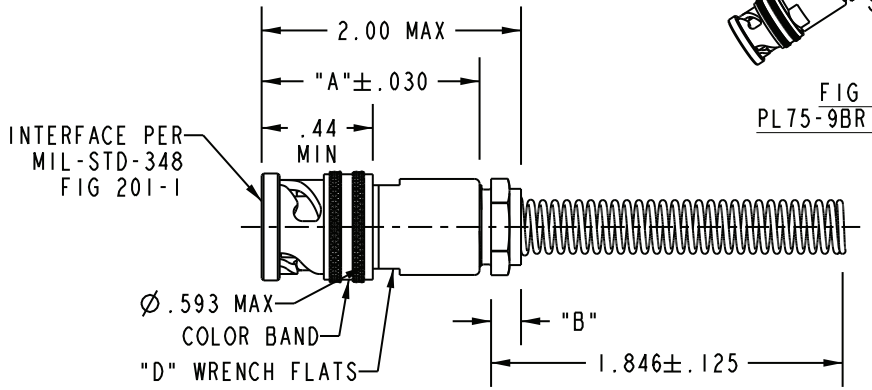


FIG 1
PL75-9BR SHOWN 4



5. EXAMPLE OF COMPLETE MODEL NO: PL75 T -9 BR 4

- PL75 — BASIC MODEL NO
- T — POLARIZATION LETTER NONE REQD FOR STD POLARIZATION (SEE TABLE 3)
- -9 — DASH NO (CABLE GROUP, SEE TABLE 1)
- BR — BEND RELIEF (OMIT IF NOT REQD)

4 IF BEND RELIEF SPRING REQUIRED (SEE FIG 1) ADD SUFFIX "BR" TO MODEL NUMBER (NOT AVAILABLE WITH CABLE GROUPS -8, -10, -11, -12, -13, -13A, -14, -46, & -54)

3 CLAMP NUT OMITTED

2. CONCENTRIC TWINAX/TRIAX 3-LUG TRB CABLE PLUG

1. PLATING: 310-0002-XX — PER TFS-1 OR -U FOR UNPLATED

NOTES: UNLESS OTHERWISE SPECIFIED.

N/A	
BLANK LENGTH (REF. ONLY)	
N/A	
SURFACE AREA	

INTERPRET DRAWING PER MIL-STD-100. DIMENSIONS ARE IN INCHES AND INCLUDE FINISH THICKNESS UNLESS OTHERWISE SPECIFIED.

TOL: UNLESS SPECIFIED. .XX ± .02 .XXX ± .010 ANGLE ± 1°

DRN	M. JOHNSON	3-18-09
CHK	LM	4/1/09
QUALITY		
MANUF		
APPROVED		
PRO/E FILE NO.	310-0002	

MATERIAL:

FINISH:

DO NOT SCALE DWG

cinch CONNECTIVITY SOLUTIONS a bel group
Cinch Connectivity Solutions
299 Johnson Ave. Ste. 100
Waseca, MN 56093
1-800-247-8256

TITLE: PL75/T/U/V/W/ X/Y/Z/S/BR

SIZE	CAGE CODE	DRAWING NO.	REV.
A	14949	310-0002	BS

SCALE	DATE	SHEET
1/1	1-12-66	1 OF 2

Please read our datasheet & drawing disclaimer here.